

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/506,079**

DATE: 03/09/2000  
 TIME: 03:28:58

INPUT SET: S34978.raw

**This Raw Listing contains the General  
 Information Section and those Sequences  
 containing ERRORS.**

Does Not Comply  
 Corrected Diskette Needed

*see pp 2, 4*

SEQUENCE LISTING

- 1
- 2
- 3 (1) General Information:
- 4
- 5 (i) APPLICANTS: Clinton, Gail M., Doherty, Joni Kristin, and Adelman, John P.
- 6
- 7 (ii) TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS
- 8
- 9 (iii) NUMBER OF SEQUENCES: 10
- 10
- 11 (iv) CORRESPONDENCE ADDRESS:
- 12 (A) ADDRESSEE: DAVIS WRIGHT TREMAINE
- 13 (B) STREET: 1501 Fourth Avenue, 2600 Century Square
- 14 (C) CITY: Seattle
- 15 (D) STATE: Washington
- 16 (E) COUNTRY: U.S.A.
- 17 (F) ZIP: 98101
- 18
- 19 (v) COMPUTER READABLE FORM:
- 20 (A) MEDIUM TYPE: Floppy disk
- 21 (B) COMPUTER: PC compatible
- 22 (C) OPERATING SYSTEM: Windows95
- 23 (D) SOFTWARE: Word
- 24
- 25 (vi) CURRENT APPLICATION DATA:
- 26 (A) APPLICATION NUMBER: to be assigned
- 27 (B) FILING DATE: 19 January 2000
- 28 (C) CLASSIFICATION:
- 29
- 30 (viii) ATTORNEY/AGENT INFORMATION:
- 31 (A) NAME: Oster, Jeffrey B.
- 32 (B) REGISTRATION NUMBER: 32,585
- 33 (C) REFERENCE/DOCKET NUMBER: 49321-1
- 34
- 35 (ix) TELECOMMUNICATION INFORMATION:
- 36 (A) TELEPHONE: 206 628 7711
- 37 (B) TELEFAX: 206 628 7699
- 38

--> OK

**ERRORED SEQUENCES FOLLOW:**

60 (2) INFORMATION FOR SEQ ID NO:2:

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/506,079

DATE: 03/09/2000  
TIME: 03:28:59

INPUT SET: S34978.raw

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61
62      (i) SEQUENCE CHARACTERISTICS:
--> 63          (A) LENGTH: 419
64          (B) TYPE: amino acid
65          (C) STRANDEDNESS: single
66          (D) TOPOLOGY: unknown
67      (ii) MOLECULE TYPE: polypeptide
68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
69
70 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu Leu
71          5          10          15
72 Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp Cys Lys
73          20          25          30
74 Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His
75          35          40          45
76 Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu Glu Leu Thr Tyr
77          50          55          60
78 Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln Asp Ile Gln Glu Val
79          65          70          75
80 Gln Gly Tyr Val Leu Cys Ala His Asn Gln Val Arg Gln Val Pro Leu
81          80          85          90          95
82 Gln Arg Leu Arg Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr
83          100          105          110
--> 84 Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Agn Agn Thr Thr Pro
85          115          120          125
86 Val Thr Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser
87          130          135          140
88 Leu Thr Glu Cys Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln
89          145          150          155
90 Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn
91          160          165          170          175
92 Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys
93          180          185          190
94 His Pro Cys Ser Pro Cys Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser
95          195          200          205
96 Ser Glu Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys
97          210          215          220
98 Ala Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys
99          225          230          235
100 Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys Leu
101          240          245          250          255
102 His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala Leu Val
103          260          265          270
104 Thr Tyr Asn Thr Asp Thr Phe Glu Ser Cys Pro Asn Pro Glu Gly Arg
105          275          280          285
106 Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro Tyr Asn Lys Leu
107          290          295          300
108 Ser Thr Asp Val Gly Ser Cys Thr Leu Val Cys Pro Leu His Asn Gln
109          305          310          315
110 Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys Glu Lys Cys Ser Lys
111          320          325          330          335
112 Pro Cys Ala Arg Val Gly Xaa His Ser Xaa Xaa Pro Arg Pro Ala Ala
113          340          345          350

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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/506,079**DATE: 03/09/2000  
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114	Val	Pro	Val	Pro	Xaa	Arg	Xaa	Gln	Pro	Xaa	Pro	Ala	His	Pro	Val	Leu
115				355					360					365		
116	Ser	Phe	Leu	Arg	Pro	Ser	Trp	Asp	Xaa	Val	Ser	Ala	Phe	Tyr	Ser	Leu
117			370					375					380			
118	Pro	Leu	Ala	Pro	Leu	Asp	Pro	Thr	Ser	Val	Xaa	Ile	Ser	Pro	Val	Ser
119		385					390					395				
120	Val	Gly	Arg	Gly	Xaa	Asp	Pro	Asp	Ala	His	Val	Ala	Val	Xaa	Leu	Ser
121	400					405					410					415
122	Arg	Tyr	Glu	Gly												
123																

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**Best Available Copy**

09/506,079

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

GGT	WCC	CAC	TCA	CYG	CYC	CCG	AGG	CCA	GCT	GCA	GTT	CCT	GTC	CCT	45
Gly	Xaa	His	Ser	Xaa	Xaa	Pro	Arg	Pro	Ala	Ala	Val	Pro	Val	Pro	
				5					10					15	
CWG	CGC	ATR	CAG	CCT	GNC	CCA	GCC	CAC	CCT	GTC	CTA	TCC	TTC	CTC	90
Xaa	Arg	Xaa	Gln	Pro	Xaa	Pro	Ala	His	Pro	Val	Leu	Ser	Phe	Leu	
				20					25					30	
AGA	CCC	TCT	TGG	GAC	MTA	GTC	TCT	GCC	TTC	TAC	TCT	CTA	CCC	CTG	135
Arg	Pro	Ser	Trp	Asp	Xaa	Val	Ser	Ala	Phe	Tyr	Ser	Leu	Pro	Leu	
				35					40					45	
GCC	CCC	CTC	AGC	CCT	ACA	AGT	GTC	CST	ATA	TCC	CCT	GTC	AGT	GTG	180
Ala	Pro	Leu	Ser	Pro	Thr	Ser	Val	Xaa	Ile	Ser	Pro	Val	Ser	Val	
				50					55					60	
GGG	AGG	GGC	CYG	GAC	CCT	GAT	GCT	CAT	GTG	GCT	GTT	SAC	CTG	TCC	225
Gly	Arg	Gly	Xaa	Asp	Pro	Asp	Ala	His	Val	Ala	Val	Xaa	Leu	Ser	
				65					70					75	
CGG	TAT	GAA	GGC	TGA											240
Arg	Tyr	Glu	Gly												

25 Delete at end of file

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/506,079**DATE: 03/09/2000  
TIME: 03:28:59**INPUT SET: S34978.raw**

Line	Error	Original Text
26	Wrong application Serial Number	(A) APPLICATION NUMBER: to be assigned
63	Entered (419) and Calc. Seq. Length (418) differ	(A) LENGTH: 419
84	Wrong Amino Acid Designator	Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Agn Agn T
84	Wrong Amino Acid Designator	Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Agn Agn T

**Best Available Copy**